

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8	("6385329") or ("20020157005") or ("20020176114") or ("20030159046") or ("20040153649") or ("20040236951") or ("20030053653") or ("20010040979").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/16 16:23
L2	385	(358/3.28).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/16 16:26
S1	179	((Robert near1 Cordery) (Claude near1 Zeller) (Bertrand near1 Haas)).in.	US-PGPUB; USPAT	OR	ON	2007/06/03 12:05
S2	3119	(Pitney near1 Bowes).as.	US-PGPUB; USPAT	OR	ON	2007/06/01 17:00
S3	3	(S1 S2) and (PIUE).clm.	US-PGPUB; USPAT	OR	ON	2007/06/01 17:01
S4	5	(S1 S2) and (water\$1mark\$3 and transform\$5).clm.	US-PGPUB; USPAT	OR	ON	2007/06/01 17:06
S6	3624	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/06/01 17:13
S7	373	(detector or detect\$4) near5 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 water\$1mark\$4) or ((data or information) near4 (hid\$4 or embed\$4)))	US-PGPUB; USPAT	OR	ON	2007/06/01 17:14
S8	341	(358/3.28).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/01 17:14
S9	2350	(382/100).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/01 17:15
S11	1233	S9 and S6	US-PGPUB; USPAT	OR	ON	2007/06/01 17:15
S12	5	S8 and S7	US-PGPUB; USPAT	OR	ON	2007/06/01 17:15
S13	119	S9 and S7	US-PGPUB; USPAT	OR	ON	2007/06/01 17:15
S14	3	("5825892" "6317115" "6332194").PN.	US-PGPUB; USPAT	OR	ON	2007/06/02 12:50
S15	3624	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/06/02 17:36
S16	341	(358/3.28).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/02 17:36

## EAST Search History

S17	120	S16 and S15	US-PGPUB; USPAT	OR	ON	2007/06/02 17:36
S18	2408	(713/176).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/03 12:05
S19	179	((Robert near1 Cordery) (Claude near1 Zeller) (Bertrand near1 Haas)).in.	US-PGPUB; USPAT	OR	ON	2007/06/03 12:05
S20	3119	(Pitney near1 Bowes).as.	US-PGPUB; USPAT	OR	ON	2007/06/03 12:05
S21	3	(S19 S20) and (PIUE).clm.	US-PGPUB; USPAT	OR	ON	2007/06/03 12:08
S22	15	(S19 S20) and (water\$1mark\$3).clm.	US-PGPUB; USPAT	OR	ON	2007/06/03 12:06
S23	2	((("20050114668") or ("20050114667"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/06/03 12:10
S24	87982	((Fourier adj1 Transform\$5) (Fast adj1 Fourier adj2 Transform\$5) (Discrete adj1 Cosine adj2 Transform\$5) DCT (Inverse adj1 Fourier adj2 Transform\$5) (wave\$1let adj1 Transform\$5) ((F\$1T\$1 F\$1F\$1T\$1 I\$1F\$1T\$1 F\$1T\$1 D\$1C\$1) near1 (transform\$5)))	US-PGPUB; USPAT	OR	ON	2007/06/03 14:32
S25	88818	((Fourier adj1 Transform\$5) or (Fast adj1 Fourier adj2 Transform\$5) or (Discrete adj1 Cosine adj2 Transform\$5) or DCT (Inverse adj1 Fourier adj2 Transform\$5) or (wave\$1let adj1 Transform\$5) or (Discrete adj1 Fourier adj2 Transform\$5) or ((F\$1T\$1 F\$1F\$1T\$1 I\$1F\$1T\$1 F\$1T\$1 D\$1C\$1 D\$1F\$1) near1 (transform\$5)))	US-PGPUB; USPAT	OR	ON	2007/06/03 14:40
S26	3	((("20030053653") or ("20010040979") or ("6385329"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/06/03 14:43
S27	3	("2003/0053653").URPN.	USPAT	OR	ON	2007/06/03 14:44
S28	3624	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/06/03 15:51
S29	735	S28 same (transform\$5)	US-PGPUB; USPAT	OR	ON	2007/06/03 15:24
S30	265	S28 same (transform\$5) same (block\$3 window group area cluster)	US-PGPUB; USPAT	OR	ON	2007/06/03 15:24
S31	21	S28 same (transform\$5) same (block\$3 window group area cluster) same (bright\$1ness light\$1ness luminance light\$3 intensity)	US-PGPUB; USPAT	OR	ON	2007/06/03 15:47

## EAST Search History

S32	2	("6069914"   "6823455").PN. OR ("6993151").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/03 15:34
S33	14	("5768426"   "5905800"   "5949885"   "5960081"   "6272634").PN. OR ("6823455").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/03 15:37
S34	757	S28 and S18	US-PGPUB; USPAT	OR	ON	2007/06/03 15:47
S35	341	(358/3.28).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/03 15:46
S36	120	S28 and S35	US-PGPUB; USPAT	OR	ON	2007/06/03 15:47
S37	2350	(382/100).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/03 15:47
S38	1233	S28 and S37	US-PGPUB; USPAT	OR	ON	2007/06/03 15:47
S39	5	S28 same (transform\$5) same (block\$3) same (bright\$1ness light\$4 intensity)	US-PGPUB; USPAT	OR	ON	2007/06/03 15:48
S40	0	("2006/0045306").URPN.	USPAT	OR	ON	2007/06/03 15:49
S41	15	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2)) same ((correlat\$3 relat\$4 connect\$3 correspond\$3 associat\$3 affiliat\$3 concern\$4) near5 ((bright\$5 light\$5 luminance intensiy) near3 (image data pixel pel (picture adj1 element) (image adj1 information))))	US-PGPUB; USPAT	OR	ON	2007/06/03 15:58
S42	199	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2)) and ((block\$3 area group) near5 ((bright\$5 light\$5 luminance intensiy) near3 (image data pixel pel (picture adj1 element) (image adj1 information))))	US-PGPUB; USPAT	OR	ON	2007/06/03 16:00

## EAST Search History

S43	66	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2)) and ((block\$3 area group) near5 ((bright\$5 light\$5 luminance intensiy) near3 (image data pixel pel (picture adj1 element) (image adj1 information)))) and ((detect\$4 determin\$5) near3 function)	US-PGPUB; USPAT	OR	ON	2007/06/03 16:22
S44	34	("20030028497"   "3136424"   "3995741"   "4117975"   "4637051"   "4800505"   "5051914"   "5075862"   "5098130"   "5190210"   "5267754"   "5429249"   "5513563"   "5535279"   "5539190"   "5635694"   "5666284"   "5666421"   "5712916"   "5717597"   "5778076"   "5917925"   "5953426"   "6029883"   "6081827"   "6104812"   "6188996"   "6289323"   "6321992"   "6330672").PN. OR ("6804379").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/03 16:21
S45	37	((detect\$4 determin\$5) near3 function) with (i and k and r)	US-PGPUB; USPAT	OR	ON	2007/06/03 16:22
S46	9	((detect\$4 determin\$5) near3 function) with (e and i and k and r)	US-PGPUB; USPAT	OR	ON	2007/06/03 16:23
S47	0	((detect\$4 determin\$5) near3 function) with (Hankel adj1 transform\$5)	US-PGPUB; USPAT	OR	ON	2007/06/03 16:23
S48	3	((detect\$4 determin\$5) near3 function) same (Hankel adj1 transform\$5)	US-PGPUB; USPAT	OR	ON	2007/06/03 16:23
S49	3624	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/06/04 16:42
S50	39120	(bright\$5 light\$5 luminance intensiy) near6 ((block\$3 area group) near4 (image data pixel pel (picture adj1 element) (image adj1 information)))	US-PGPUB; USPAT	OR	ON	2007/06/04 12:34
S51	5041	(correlat\$3 relat\$4 connect\$3 correspond\$3 associat\$3 affiliat\$3 concern\$4) with S50	US-PGPUB; USPAT	OR	ON	2007/06/04 12:34
S52	13	S49 and S51	US-PGPUB; USPAT	OR	ON	2007/06/04 12:34

## EAST Search History

S53	25	(US-20060045306-\$ or US-20050114668-\$ or US-20050111027-\$ or US-20050114667-\$ or US-20030053653-\$ or US-20030142846-\$ or US-20060020802-\$ or US-20040030899-\$ or US-20030026453-\$ or US-20020080995-\$ or US-20040105569-\$ or US-20030128861-\$ or US-20030215112-\$ or US-20020126870-\$). did. or (US-6768807-\$ or US-6823455-\$ or US-6993151-\$ or US-6804379-\$ or US-6728408-\$ or US-6590996-\$ or US-6185312-\$ or US-6317115-\$ or US-5825892-\$ or US-6332194-\$ or US-6711276-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/04 14:49
S54	13	S53 and (detect\$4 near7 (function formula))	US-PGPUB; USPAT	OR	ON	2007/06/04 14:54
S55	1	(e\$1sup\$1i\$1k\$1r\$1) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2007/06/04 16:33
S56	1	(envelope adj1 function) and S53	US-PGPUB; USPAT	OR	ON	2007/06/04 16:34
S57	4	(envelope adj1 function) and watermark\$3	US-PGPUB; USPAT	OR	ON	2007/06/04 16:34
S58	2	((sinusoid envelope) near2 function) same (detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/06/04 16:44
S59	1	S53 and sinusoid	US-PGPUB; USPAT	OR	ON	2007/06/04 16:43
S60	3035	envelope near2 function	US-PGPUB; USPAT	OR	ON	2007/06/04 16:46
S61	3	S60 and S49	US-PGPUB; USPAT	OR	ON	2007/06/04 16:45
S62	182	S60 and sinusoid	US-PGPUB; USPAT	OR	ON	2007/06/04 16:46
S63	1	S60 and sinusoid and (water\$1mark\$3 or steganograph\$2)	US-PGPUB; USPAT	OR	ON	2007/06/04 16:46
S64	14	envelope near2 function and (water\$1mark\$3 or steganograph\$2)	US-PGPUB; USPAT	OR	ON	2007/06/04 16:56
S65	2	(envelope near2 function) and (scott near1 rogers).xp,xa.	US-PGPUB; USPAT	OR	ON	2007/06/04 16:57
S66	0	(envelope near2 function) and (digimarc).as.	US-PGPUB; USPAT	OR	ON	2007/06/04 16:58
S67	2	(envelope same inverse) and (digimarc).as.	US-PGPUB; USPAT	OR	ON	2007/06/04 17:22

## EAST Search History

S68	1	("7065237").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/04 17:14
S69	10	("20010017709"   "20010030759"   "20020002679"   "20020061118"   "20040015363"   "20050013436"   "20050036613"   "6539106"   "6798893"   "6839673").PN. OR ("7065237").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/04 17:02
S70	9	S53 and (posta\$3 stamp)	US-PGPUB; USPAT	OR	ON	2007/06/04 17:06
S71	1	S68 and envelope	US-PGPUB; USPAT	OR	ON	2007/06/04 17:15
S72	16	(envelope same inverse) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2007/06/04 17:22
S73	22933	over\$1lap\$4 near5 (block tile segment)	US-PGPUB; USPAT	OR	ON	2007/06/04 17:30
S74	2086	over\$1lap\$4 near5 ((block tile segment) near3 (pixel pel (picture adj1 element) data))	US-PGPUB; USPAT	OR	ON	2007/06/04 17:31
S75	7	S73 and S53	US-PGPUB; USPAT	OR	ON	2007/06/04 17:31
S76	3	(US-20040105569-\$ or US-20030215112-\$).did. or (US-7065237-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/04 20:47
S77	1	S76 and (sinusoid sine)	US-PGPUB; USPAT	OR	ON	2007/06/04 20:47
S78	2	(lattice with sum with (odd even)) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2007/06/04 21:26
S79	1	(US-6332030-\$).did.	USPAT	OR	ON	2007/06/04 21:17
S80	1	S79 and lattice	USPAT	OR	ON	2007/06/04 21:17
S81	1	(lattice with sum with odd) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2007/06/04 21:26
S82	6	(US-20060045306-\$ or US-20050114668-\$ or US-20040105569-\$ or US-20030215112-\$).did. or (US-7065237-\$ or US-6332030-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/04 22:01
S83	10	(US-20040030899-\$ or US-20030053653-\$ or US-20030026453-\$ or US-20020126870-\$).did. or (US-7065237-\$ or US-6993151-\$ or US-6823455-\$ or US-6804379-\$ or US-6728408-\$ or US-6185312-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/04 22:05
S84	1	(US-6711276-\$).did.	USPAT	OR	ON	2007/06/04 22:05
S85	11	(US-20040030899-\$ or US-20030053653-\$ or US-20030026453-\$ or US-20020126870-\$).did. or (US-7065237-\$ or US-6993151-\$ or US-6823455-\$ or US-6804379-\$ or US-6728408-\$ or US-6185312-\$).did. or (US-6711276-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/04 22:06

## EAST Search History

S86	10	(US-20040030899-\$ or US-20030053653-\$ or US-20030026453-\$ or US-20020126870-\$).did. or (US-6993151-\$ or US-6823455-\$ or US-6804379-\$ or US-6728408-\$ or US-6185312-\$).did. or (US-6711276-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/04 22:06
S87	191	((Robert near1 Cordery) (Claude near1 Zeller) (Bertrand near1 Haas)).in.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S88	3191	(Pitney near1 Bowes).as.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S89	3	(S87 S88) and (PIUE).clm.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S90	5	(S87 S88) and (water\$1mark\$3 and transform\$5).clm.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S91	4004	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S92	413	(detector or detect\$4) near5 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 water\$1mark\$4) or ((data or information) near4 (hid\$4 or embed\$4)))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S93	385	(358/3.28).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/16 13:07
S94	2556	(382/100).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/16 13:07
S95	1336	S94 and S91	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S96	129	S94 and S92	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S97	5	S93 and S92	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S98	3	("5825892" "6317115" "6332194").PN.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S99	4004	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S100	385	(358/3.28).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/16 13:07
S101	140	S100 and S99	US-PGPUB; USPAT	OR	ON	2007/11/16 16:23

## EAST Search History

S10 2	2624	(713/176).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/16 13:07
S10 3	191	((Robert near1 Cordery) (Claude near1 Zeller) (Bertrand near1 Haas)).in.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S10 4	3191	(Pitney near1 Bowes).as.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S10 5	3	(S103 S104) and (PIUE).clm.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S10 6	16	(S103 S104) and (water\$1mark\$3).clm.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S10 7	2	((("20050114668") or ("20050114667")).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/16 13:07
S10 8	93721	((Fourier adj1 Transform\$5) (Fast adj1 Fourier adj2 Transform\$5) (Discrete adj1 Cosine adj2 Transform\$5) DCT (Inverse adj1 Fourier adj2 Transform\$5) (wave\$1let adj1 Transform\$5) ((F\$1T\$1 F\$1F\$1T\$1 I\$1F\$1T\$1 F\$1T\$1 D\$1C\$1) near1 (transform\$5)))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S10 9	94616	((Fourier adj1 Transform\$5) or (Fast adj1 Fourier adj2 Transform\$5) or (Discrete adj1 Cosine adj2 Transform\$5) or DCT (Inverse adj1 Fourier adj2 Transform\$5) or (wave\$1let adj1 Transform\$5) or (Discrete adj1 Fourier adj2 Transform\$5) or ((F\$1T\$1 F\$1F\$1T\$1 I\$1F\$1T\$1 F\$1T\$1 D\$1C\$1 D\$1F\$1) near1 (transform\$5)))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S11 0	3	((("20030053653") or ("20010040979") or ("6385329")).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/16 13:07
S11 1	4004	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S11 2	819	S111 and S102	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S11 3	385	(358/3.28).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/16 13:07
S11 4	2556	(382/100).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/16 13:07
S11 5	809	S111 same (transform\$5)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S11 6	3	("2003/0053653").URPN.	USPAT	OR	ON	2007/11/16 13:07
S11 7	0	((detect\$4 determin\$5) near3 function) with (Hankel adj1 transform\$5)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07



## EAST Search History

S11 8	283	S111 same (transform\$5) same (block\$3 window group area cluster)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S11 9	23	S111 same (transform\$5) same (block\$3 window group area cluster) same (bright\$1ness light\$1ness luminance light\$3 intensity)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S12 0	2	("6069914"   "6823455").PN. OR ("6993151").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/16 13:07
S12 1	15	("5768426"   "5905800"   "5949885"   "5960081"   "6272634").PN. OR ("6823455").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/16 13:07
S12 2	0	("2006/0045306").URPN.	USPAT	OR	ON	2007/11/16 13:07
S12 3	140	S111 and S113	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S12 4	1336	S111 and S114	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S12 5	6	S111 same (transform\$5) same (block\$3) same (bright\$1ness light\$4 intensity)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S12 6	15	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2)) same ((correlat\$3 relat\$4 connect\$3 correspond\$3 associat\$3 affiliat\$3 concern\$4) near5 ((bright\$5 light\$5 luminance intensiy) near3 (image data pixel pel (picture adj1 element) (image adj1 information))))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S12 7	218	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2)) and ((block\$3 area group) near5 ((bright\$5 light\$5 luminance intensiy) near3 (image data pixel pel (picture adj1 element) (image adj1 information))))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07

## EAST Search History

S12 8	70	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2)) and ((block\$3 area group) near5 ((bright\$5 light\$5 luminance intensiy) near3 (image data pixel pel (picture adj1 element) (image adj1 information)))) and ((detect\$4 determin\$5) near3 function)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S12 9	35	("20030028497"   "3136424"   "3995741"   "4117975"   "4637051"   "4800505"   "5051914"   "5075862"   "5098130"   "5190210"   "5267754"   "5429249"   "5513563"   "5535279"   "5539190"   "5635694"   "5666284"   "5666421"   "5712916"   "5717597"   "5778076"   "5917925"   "5953426"   "6029883"   "6081827"   "6104812"   "6188996"   "6289323"   "6321992"   "6330672").PN. OR ("6804379").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/16 13:07
S13 0	40	((detect\$4 determin\$5) near3 function) with (i and k and r)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S13 1	12	((detect\$4 determin\$5) near3 function) with (e and i and k and r)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S13 2	3	((detect\$4 determin\$5) near3 function) same (Hankel adj1 transform\$5)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S13 3	4004	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S13 4	41553	(bright\$5 light\$5 luminance intensiy) near6 ((block\$3 area group) near4 (image data pixel pel (picture adj1 element) (image adj1 information))))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S13 5	5412	(correlat\$3 relat\$4 connect\$3 correspond\$3 associat\$3 affiliat\$3 concern\$4) with S134	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07

## EAST Search History

S13 6	25	(US-20060045306-\$ or US-20050114668-\$ or US-20050111027-\$ or US-20050114667-\$ or US-20030053653-\$ or US-20030142846-\$ or US-20060020802-\$ or US-20040030899-\$ or US-20030026453-\$ or US-20020080995-\$ or US-20040105569-\$ or US-20030128861-\$ or US-20030215112-\$ or US-20020126870-\$). did. or (US-6768807-\$ or US-6823455-\$ or US-6993151-\$ or US-6804379-\$ or US-6728408-\$ or US-6590996-\$ or US-6185312-\$ or US-6317115-\$ or US-5825892-\$ or US-6332194-\$ or US-6711276-\$).did.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S13 7	1	S136 and sinusoid	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S13 8	13	S136 and (detect\$4 near7 (function formula))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S13 9	14	S133 and S135	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S14 0	2	(envelope same inverse) and (digimarc).as.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S14 1	9	S136 and (posta\$3 stamp)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S14 2	17	(envelope same inverse) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S14 3	1	(e\$1sup\$1i\$1k\$1r\$1) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S14 4	1	(envelope adj1 function) and S136	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S14 5	5	(envelope adj1 function) and watermark\$3	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S14 6	3178	envelope near2 function	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S14 7	2	((sinusoid envelope) near2 function) same (detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S14 8	3	S146 and S133	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S14 9	193	S146 and sinusoid	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S15 0	1	S146 and sinusoid and (water\$1mark\$3 or steganograph\$2)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07

## EAST Search History

S15 1	15	envelope near2 function and (water\$1mark\$3 or steganograph\$2)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S15 2	2	(envelope near2 function) and (scott near1 rogers).xp,xa.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S15 3	0	(envelope near2 function) and (digimarc).as.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S15 4	1	("7065237").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/16 13:07
S15 5	10	("20010017709"   "20010030759"   "20020002679"   "20020061118"   "20040015363"   "20050013436"   "20050036613"   "6539106"   "6798893"   "6839673").PN. OR ("7065237").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/16 13:07
S15 6	1	S154 and envelope	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S15 7	24148	over\$1lap\$4 near5 (block tile segment)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S15 8	2215	over\$1lap\$4 near5 ((block tile segment) near3 (pixel pel (picture adj1 element) data))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S15 9	7	S157 and S136	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S16 0	3	(US-20040105569-\$ or US-20030215112-\$).did. or (US-7065237-\$).did.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S16 1	1	S160 and (sinusoid sine)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S16 2	2	(lattice with sum with (odd even)) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S16 3	1	(US-6332030-\$).did.	USPAT	OR	ON	2007/11/16 13:07
S16 4	1	S163 and lattice	USPAT	OR	ON	2007/11/16 13:07
S16 5	1	(lattice with sum with odd) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S16 6	6	(US-20060045306-\$ or US-20050114668-\$ or US-20040105569-\$ or US-20030215112-\$).did. or (US-7065237-\$ or US-6332030-\$).did.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S16 7	10	(US-20040030899-\$ or US-20030053653-\$ or US-20030026453-\$ or US-20020126870-\$).did. or (US-7065237-\$ or US-6993151-\$ or US-6823455-\$ or US-6804379-\$ or US-6728408-\$ or US-6185312-\$).did.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07

## EAST Search History

S16 8	10	(US-20040030899-\$ or US-20030053653-\$ or US-20030026453-\$ or US-20020126870-\$).did. or (US-6993151-\$ or US-6823455-\$ or US-6804379-\$ or US-6728408-\$ or US-6185312-\$).did. or (US-6711276-\$).did.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S16 9	1	(US-6711276-\$).did.	USPAT	OR	ON	2007/11/16 13:07
S17 0	11	(US-20040030899-\$ or US-20030053653-\$ or US-20030026453-\$ or US-20020126870-\$).did. or (US-7065237-\$ or US-6993151-\$ or US-6823455-\$ or US-6804379-\$ or US-6728408-\$ or US-6185312-\$).did. or (US-6711276-\$).did.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07